MAY 1 1 2005

PTO/SB/30 (08-00) Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## REQUEST FOR

## CONTINUED EXAMINATION (RCE) TRANSMITTAL

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000, provides for continued examination of an utility or plant application filed on or after June 8, 1995.

See The American Inventors Protection Act of 1999 (AIPA).

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|--|-------------------------|--|--|--|--|
| Application Number   | 10/099,972              |  |  |  |  |
| Filing Date  | March 19, 2002          |  |  |  |  |
| First Named Inventor   | Shunpei YAMAZAKI et al. |  |  |  |  |
| Group Art Unit   | 1765                    |  |  |  |  |
| Examiner Name  | D. Deo                  |  |  |  |  |
| Attorney Docket Number   | 0756-2457               |  |  |  |  |

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

NOTE: 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53(d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application Practice, Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.

| 1. Submission required under 37 C.F.R. § 1.114  a. Previously submitted  i. Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on   |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|
| (Any unentered amendment(s) referred to above will be entered).  ii.  |  |  |  |  |  |  |  |  |
| ii.   |  |  |  |  |  |  |  |  |
| b.  |  |  |  |  |  |  |  |  |
| i. Amendment/Reply ii. Affidavit(s)/Declaration(s) iii. Information Disclosure Statement (IDS) iv. Other  2. Miscellaneous a. Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(l) required) b. Other  3. Fees The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed. a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No.  i. RCE fee required under 37 C.F.R. § 1.17(e) iii. Extension of time fee (37 C.F.R. §§ 1.136 and 1.17) iiii. Other   |  |  |  |  |  |  |  |  |
| ii. Affidavit(s)/Declaration(s)  iii. Information Disclosure Statement (IDS)  iv. Other  2. Miscellaneous  a. Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(I) required)  b. Other  3. Fees The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.  a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No.  i. RCE fee required under 37 C.F.R. § 1.17(e)  ii. Extension of time fee (37 C.F.R. § 1.136 and 1.17)  iii. Other  |  |  |  |  |  |  |  |  |
| iii.  |  |  |  |  |  |  |  |  |
| iv. Other  2. Miscellaneous  a. Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(I) required)  b. Other  3. Fees The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.  a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No.  i. RCE fee required under 37 C.F.R. § 1.17(e)  ii. Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)  iii. Other  Other  |  |  |  |  |  |  |  |  |
| 2. Miscellaneous  a. Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(I) required)  b. Other  3. Fees The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.  a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No.  i. RCE fee required under 37 C.F.R. § 1.17(e)  ii. Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)  iii. Other  Other   |  |  |  |  |  |  |  |  |
| a. Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(I) required)  b. Other  3. Fees The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.  a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No.  i. RCE fee required under 37 C.F.R. § 1.17(e)  ii. Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)  iii. Other  |  |  |  |  |  |  |  |  |
| months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(I) required)  b. Other  The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.  a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No.  i. RCE fee required under 37 C.F.R. § 1.17(e)  ii. Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)  iii. Other  Other   |  |  |  |  |  |  |  |  |
| b. Other  The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.  a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No  i. RCE fee required under 37 C.F.R. § 1.17(e)  ii. Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)  iii. Other   |  |  |  |  |  |  |  |  |
| 3. Fees The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.  a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No.  i. RCE fee required under 37 C.F.R. § 1.17(e)  ii. Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)  iii. Other  |  |  |  |  |  |  |  |  |
| a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account  No.  i. RCE fee required under 37 C.F.R. § 1.17(e)  ii. Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)  iii. Other  |  |  |  |  |  |  |  |  |
| No  |  |  |  |  |  |  |  |  |
| i. RCE fee required under 37 C.F.R. § 1.17(e) ii. Extension of time fee (37 C.F.R. §§ 1.136 and 1.17) iii. Other  |  |  |  |  |  |  |  |  |
| ii.   |  |  |  |  |  |  |  |  |
| iii.  |  |  |  |  |  |  |  |  |
| b X Check in the amount of \$790.00 enclosed  |  |  |  |  |  |  |  |  |
| o. — Onesa in the amount of \$\psi / \sigma \cdot |  |  |  |  |  |  |  |  |
| c. Payment by credit card (Form PTO-2038 enclosed)  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED   |  |  |  |  |  |  |  |  |
| Name (Print/Type)   Eric J. Robinson   Registration No. (Attorney/Agent)   38,285   |  |  |  |  |  |  |  |  |
| Signature Date May 9, 2005  |  |  |  |  |  |  |  |  |
| CERTIFICATE OF MAILING OR TRANSMISSION  |  |  |  |  |  |  |  |  |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on:  |  |  |  |  |  |  |  |  |
| Name (Print/Type) Adele MStamper  |  |  |  |  |  |  |  |  |
| Signature Date May 9, 2005  |  |  |  |  |  |  |  |  |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SEND Fees and Completed Forms to the following address: Commissioner for Patents, Box RCE, Washington, DC 20231.

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May 9, 2005

Telephone

Date

PTO/SB/17 (10-04v2)

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|---|-------------|----------------------|-------------------------|--|--|--|--|--|
| CADEMACO  |             | Complete if Known    |                         |  |  |  |  |  |
| FEE TRANSMITTAL  FOR FY 2005  Effective 10/01/2004. Patent fees are subject to annual revision.  Applicant Claims small entity status. See 37 CFR 1.27.                       |             | Application Number   | 10/099,972              |  |  |  |  |  |
|   |             | Filing Date          | March 19, 2002          |  |  |  |  |  |
|   |             | First Named Inventor | Shunpei YAMAZAKI et al. |  |  |  |  |  |
|   |             | Examiner Name        | D. Deo                  |  |  |  |  |  |
|   |             | Group Art Unit       | 1765                    |  |  |  |  |  |
| TOTAL AMOUNT OF PAYMENT   | (\$) 790.00 | Attorney Docket No.  | 0756-2457               |  |  |  |  |  |

| METHOD OF PAYMENT  |  | FEE CALCULATION (continued) |              |                |   |                  |
|--|--|-----------------------------|--------------|----------------|---|------------------|
| 1. The Commissioner is hereby authorized to charge indicated               |  | 3. ADDITIONAL FEES          |              |                |   |                  |
| fees and credit any overpayments to:                                       | <b> </b>   | Larg<br>Entir               | ty           | Small<br>Entit |   |                  |
| Deposit Account Number  50-2280  | Fee<br>Code  | (S)                         | Fee<br>Code  | ` '            | Fee Description   | Fee Paid         |
|  | 1051   | 130                         | 2051         |                | Surcharge – late filing fee or oath   |                  |
| Deposit Robinson Intellectual Property                                     | 1052   | 50                          | 2052         | 25             | Surcharge – late provisional filing fee or cover sheet  |                  |
| Account Name Law Office  | 1053   | 130                         | 1053         | 130            | Non-English specification   |                  |
|  |  | 2,520                       | 1812         | 2,520          | For filing a request for ex parte reexamination   |                  |
| Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 and          | 1804   | 920*                        | 1804         | 920*           | Requesting publication of SIR prior to Examiner action  |                  |
| credit overpayments  | 1805 1   | ,840*                       | 1805         | 1,840*         | Requesting publication of SIR after Examiner action   |                  |
| Applicant claims small entity status. See 37 CFR 1.27                      | 1251   | 120                         | 2251         | 60             | Extension for reply within first month  |                  |
| 2. E Payment Enclosed:   | 1252   | 450                         | 2252         | 225            | Extension for reply within second month   |                  |
|  | 1253   | 1020                        | 2253         | 510            | Extension for reply within third month  |                  |
| E Check ☐ Credit Card ☐ Money ☐ Other Order                                | 1254   |                             | 2254         |                | Extension for reply within fourth month   |                  |
| FEE CALCULATION  | 1255   | •                           | 2255         |                | Extension for reply within fifth month  | <b>———</b>       |
|  | 1401   | 500                         | 2401         |                | Notice of Appeal  | <del> </del>     |
| 1. BASIC FILING FEE  Large Entity Small Entity                             | 1401   | 500                         | 2402         |                | Filing a brief in support of an appeal  |                  |
| Fee Fee Fee Fee Description  | 1  |                             |              |                |   |                  |
| Code (S) Code (S) Fee Paid   | l  | 1000                        | 2403         |                | Request for oral hearing  |                  |
| 1001 300 2001 150 Utility filing fee                                       | 1451   | •                           | 1451         | -              | Petition to institute a public use proceeding   |                  |
| 1111 500 2111 250 Search fee   | 1452   | 500                         | 2452         |                | Petition to revive – unavoidable  |                  |
| 1311 200 2311 275 Examination fee  | 1453   |                             | 2453         |                | Petition to revive - unintentional  |                  |
| Over 100 Sheets/250 for each additional 50                                 |  | 1,400                       | 2501         |                | Utility issue fee (or reissue)  |                  |
|  | 1502   | 800                         | 2502         |                | Design issue fee  |                  |
|  | 1  | 1100                        | 2503         |                | Plant issue fee   |                  |
| SUBTOTAL (1) (\$)  | 1462<br>1463   | 400<br>200                  | 1462<br>1463 |                | Petitions, Group I<br>Petition, Group II  |                  |
| SUBTOTAL (1) (\$)  | 1464   | 130                         | 1464         |                | Petitions, Group III  |                  |
| 2. EXTRA CLAIM FEES  | 1807   | 50                          | 1807         |                | Processing fee under 37 CR 1.17(q)  |                  |
| Fee from  Extra Claims below Fee Paid  Total Claims -20** = X \$50 =       | 1806<br>8021   | 180<br>40                   | 1806<br>8021 |                | Submission of Information Disclosure Stmt  Recording each patent assignment per property (times |                  |
| Total Claims20** = X _\$50 _ =   | 8021   | 40                          | 6021         |                | number of properties)   |                  |
| Independent -3** = X \$200 = Claims  | 1809   | 790                         | 2809         |                | Filing a submission after final rejection (37 CFR § 1.129(a))                                   |                  |
| Multiple Dependent   | 1810   | 790                         | 2810         | 395            | For each additional invention to be examined (37 CFR § 1.29(b))                                 |                  |
| Large Entity Small Entity  | 1801   | 790                         | 2801         | 395            | Request for Continued Examination (RCE)   | \$790.00         |
| Fee Fee Fee Fee Description Code (\$) Code (\$)                            | 1802   | 900                         | 1802         |                | Request for expedited examination of a design application                                       |                  |
| 1202 50 2202 25 Claims in excess of 20                                     | Other f  | ee (spe                     | cify)        |                |   |                  |
| 1201 200 2201 100 Independent claims in excess of 3                        |  |                             |              |                |   |                  |
| 1203 360 2203 180 Multiple dependent claim, if not paid                    | * Redu   | ced by                      | Basic Fi     | ling Fe        | e Paid SUBTOTAL (3) (\$) 790.00   |                  |
| 1204 200 2204 100 ** Reissue independent claims over                       |  |                             |              |                |   |                  |
| original patent  | CERTIFICATE OF MAILING   |                             |              |                |   |                  |
| 1205 50 2205 25 ** Reissue claims in excess of 20 and over original patent | . ـــــ  | 1 h                         | ereby cer    | tify that      | this correspondence is being deposited with the United States Postal                            | Service with     |
| SUBTOTAL (2) (\$)  | sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on 5. 9. 05 |                             |              |                |   | 450, Alexandria, |
| **or number previously paid, if greater; For Reissues, see above           |  |                             |              |                | 7'  |                  |
| SUBMITTED BY   |  |                             |              |                | Complete (if applicable)  |                  |

Registration No. (Attorney/Agent)

Eric J. Robinson

Name (Print/Type)

Signature

38,285